



22W/1251

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Office of Initial Patent Examination, Filing Receipt Corrections, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on:

Date: September 13, 2006

By: \_\_\_\_\_

*Eileen M. Janikowski*

Eileen M. Janikowski

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF:

CAO, ET AL.

APPLICATION NO.: 10/540,332

FILED: JUNE 20, 2005

FOR: **SUPERCONDUCTIVE MICROSTRIP  
RESONATOR AND FILTER**

EXAMINER: NOT YET ASSIGNED

ART UNIT: 1751

CONF.NO.: 8755

ATTY. DKT. NO. 58578-8001.US01

**Request for Corrected Filing Receipt**

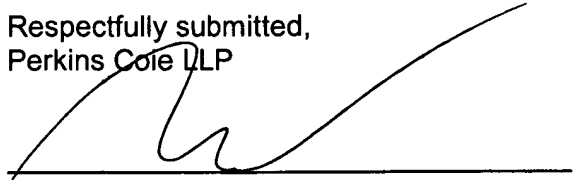
Office of Initial Patent Examination,  
Filing Receipt Corrections  
Commissioner for Patents  
P.O. Box 1460  
Alexandria, VA 22313-1450

Sir:

1. Attached is a copy of an official filing receipt received from the U.S. Patent and Trademark Office for which a corrected filing receipt is respectfully requested. Also attached is a redlined copy of the filing receipt showing the requested change.
2. There is an error in the U.S.C. 371(c) date, which was incorrectly entered. The requested change is shown on the attached copy of the filing receipt. The U.S.C. 371(c) Date should read – June 28, 2006 –. Enclosed is a copy of the June 28, 2006 filing of the Response to Notification of Missing Requirments Under 35 U.S.C. 371 in The United States Designated/Elected Office (DO/EO/US) and a copy of the return postcard with our filing date of June 28, 2006 (date received at USPTO June 30, 2006).
3. There is an error listing the inventor's name as "Melhong Zhu," which was incorrectly entered. The inventor's name should read – Meihong Zhu --.
4. There is an error listing the inventor's name as "Guoyong Zhang," which was incorrectly entered. The inventor's name shoud read – Guyoyong Zhang –
5. There is an error listing the inventor's name as "Yaronlav Kolmakov," which was incorrectly entered. The inventor's name should read – Yaroslav Kolmakov –

6. The 35 U.S.C. 371(c) filing date is incorrect due to a USPTO error and the errors in the inventors names are USPTO errors. Therefore, no fees are believed to be due for this request, however, please charge fees for this request and/or credit to Deposit Account No. 50-2207.

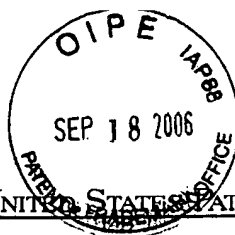
Respectfully submitted,  
Perkins Coie LLP

  
\_\_\_\_\_  
Brian R. Coleman  
Reg. No. 39,145

Date: September 13, 2006

**Correspondence Address:**

Customer No. 22918  
Perkins Coie LLP  
P.O. Box 2168  
Menlo Park, California 94026  
(650) 838-4300



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

| APPL NO.   | FILING OR 371<br>(c) DATE | ART UNIT | FIL FEE REC'D | ATTY. DOCKET NO | DRAWINGS | TOT CLMS | IND CLMS |
|------------|---------------------------|----------|---------------|-----------------|----------|----------|----------|
| 10/540,332 | 06/30/2006<br>06/28/2006  | 1751     | 755           | 58578-8001.US01 | 6        | 27       | 2        |

CONFIRMATION NO. 8755

Perkins Coie  
101 Jefferson Street  
Menlo Park, CA 94025

## FILING RECEIPT



\*OC000000020217283\*

Date Mailed: 08/29/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

*meihong* Bisong Cao, Beijing, CHINA;  
*meihong* Melhong Zhu, Beijing, CHINA;  
*Xubo* Xubo Guo, Beijing, CHINA;  
*Guoyong* Guoyong Zhang, Beijing, CHINA;  
Shan He, Beijing, CHINA;  
Irina B. Vendik, St. Petersburg, RUSSIAN FEDERATION;  
*Yaroslav* Yaroslav Kolmakov, St. Petersburg, RUSSIAN FEDERATION;

## Power of Attorney:

Jonathan Kudla-47724

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/CN03/01082 12/18/2003

## Foreign Applications

CHINA 02156889.8 12/20/2002

If Required, Foreign Filing License Granted: 08/28/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/540,332**

Projected Publication Date: 12/07/2006

Non-Publication Request: No

**Early Publication Request:** No

**\*\* SMALL ENTITY \*\***

**Title**

Superconductive microstrip resonator and filter

**Preliminary Class**

505

## **PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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### **LICENSE FOR FOREIGN FILING UNDER Title 35, United States Code, Section 184 Title 37, Code of Federal Regulations, 5.11 & 5.15**

#### **GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The

date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.


The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

#### **NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



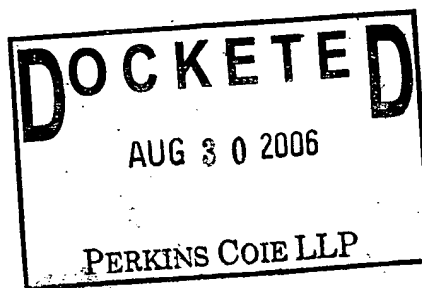
IN THE U.S. PATENT AND TRADEMARK OFFICE  
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|  |                               |  |
|--|-------------------------------|--|
| Attorney Docket No.:<br>58578-8001.US01  | Date Mailed:<br>June 28, 2006 | Express Mail No.   |
| Applicant: CAO, ET AL.   |                               |  |
| Serial No.:<br>10/540,332  | Filing Date:<br>June 20, 2005 |  |
| Title: SUPERCONDUCTIVE MICROSTRIP RESONATOR AND FILTER   |                               |  |
| <input checked="" type="checkbox"/> Response to Notification of Missing Requirements Under 35 U.S.C. 371 In The United States Designated/Elected Office (DO/EO/US) (in duplicate);<br><input checked="" type="checkbox"/> Copy of Notification of Missing Requirements Under 35 U.S.C. 371 In The United States Designated/Elected Office (DO/EO/US);<br><input checked="" type="checkbox"/> Executed Inventorship Declaration By Joint Inventors;<br><input checked="" type="checkbox"/> Check in the amount of \$65.00; and<br><input checked="" type="checkbox"/> Return Postcard |                               | Received by the U.S. Patent and Trademark Office.<br> |
| BRC/emj  |                               |  |

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FOR RETURN/USPTO POSTMARK**



|  |                                      |   |
|--|--------------------------------------|---|
| Attorney Docket No.:<br><b>58578-8001.US01</b>   | Date Mailed:<br><b>June 28, 2006</b> | Express Mail No.                                  |
| Applicant: <b>CAO, ET AL.</b>  |                                      |   |
| Serial No.:<br><b>10/540,332</b>   | Filing Date:<br><b>June 20, 2005</b> |   |
| Title: <b>SUPERCONDUCTIVE MICROSTRIP RESONATOR AND FILTER</b>  |                                      |   |
| <input checked="" type="checkbox"/> Response to Notification of Missing Requirements Under 35 U.S.C. 371 In The United States Designated/Elected Office (DO/EO/US) (in duplicate);<br><input checked="" type="checkbox"/> Copy of Notification of Missing Requirements Under 35 U.S.C. 371 In The United States Designated/Elected Office (DO/EO/US);<br><input checked="" type="checkbox"/> Executed Inventorship Declaration By Joint Inventors;<br><input checked="" type="checkbox"/> Check in the amount of \$65.00; and<br><input checked="" type="checkbox"/> Return Postcard |                                      | Received by the U.S. Patent and Trademark Office. |
| BRC/emj  |                                      |   |



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Date: June 28, 2006

By:

*Eileen M. Janikowski*  
Eileen M. Janikowski

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

CAO, ET AL.

APPLICATION NO.: 10/540,332

FILED: JUNE 20, 2005

FOR: SUPERCONDUCTIVE MICROSTRIP  
RESONATOR AND FILTER

EXAMINER: UNKNOWN

ART UNIT: UNKNOWN

CONFIRMATION NO.: 8755

ATTORNEY DOCKET NO.:  
58578-8001.US01

**Response to Notification of Missing Requirements Under 35 U.S.C. 371 In  
The United States Designated/Elected Office (DO/EO/US)**

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

1. This is in response to the Notification of Missing Requirements mailed April 28, 2006. Applicant submits the following:

- ☒ Copy of Notification of Missing Requirements Under 35 U.S.C. 371 In The United States Designated/Elected Office (DO/EO/US);
- ☒ Executed Inventorship Declaration by Joint Inventors;
- ☒ Check in the amount of \$65.00; and
- ☒ Return postcard.

2. Entity Status

- ☒ Applicant claims Small Entity status. See 37 CFR §1.27.

3. Conditional Petition for Extension of Time:

Applicant petitions for an Extension of Time, if necessary, for timely submission of this transmittal and enclosures.

- ☐ Applicants request a \_\_\_\_-month extension of time.



4. Fee Payment

- ☒ Check in the amount of \$65.00 for declaration surcharge.
- ☒ The Commissioner is authorized to charge any underpayment for timely filing of this Response to Deposit Account No. 50-2207. This paper is provided in duplicate.

Respectfully submitted,  
Perkins Coie LLP

Date: June 28, 2006



Brian R. Coleman, Reg. No. 39,145

**Correspondence Address:**

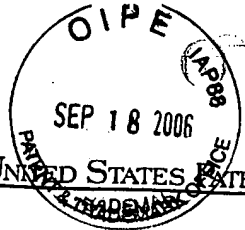
PERKINS COIE LLP

Customer No. 22918

P.O. Box 2168

Menlo Park, CA 94026-2168

Telephone: (650) 838-4300

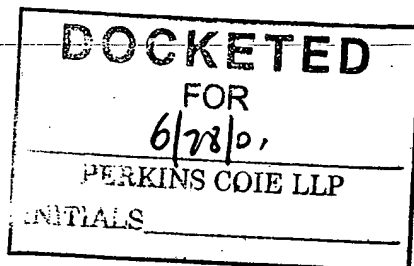


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 www.uspto.gov

|   |                                     |                                     |
|---|-------------------------------------|-------------------------------------|
| U.S. APPLICATION NUMBER NO.<br>10/540,332 | FIRST NAMED APPLICANT<br>Bisong Cao | ATTY. DOCKET NO.<br>58578-8001.US01 |
|---|-------------------------------------|-------------------------------------|

Perkins Coie  
 101 Jefferson Street  
 Menlo Park, CA 94025



|   |               |
|---|---------------|
| INTERNATIONAL APPLICATION NO.<br>PCT/CN03/01082 |               |
| I.A. FILING DATE<br>12/18/2003                  | PRIORITY DATE |

CONFIRMATION NO. 8755  
 371 FORMALITIES LETTER  

 \*OC000000018601267\*

Date Mailed: 04/28/2006

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 06/20/2005
- English Translation of the IA filed on 06/20/2005
- Copy of the International Search Report filed on 06/20/2005
- Copy of IPE Report filed on 06/20/2005
- U.S. Basic National Fees filed on 06/20/2005
- Priority Documents filed on 06/20/2005

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

FRANCINE YOUNG

Telephone: (703) 308-9140 EXT 215

## PART 1 - ATTORNEY/APPLICANT COPY

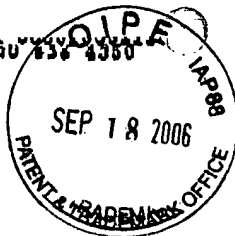
| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/540,332                  | PCT/CN03/01082                | 58578-8001.US01  |

FORM PCT/DO/EO/905 (371, Formalities Notice).

03/23/2006 15:26 FAX 850 434 4350

PERKINS COLE

005



Attorney Docket No.: 55578-8001.US01

**INVENTORSHIP DECLARATION BY JOINT INVENTORS**

I HEREBY DECLARE THAT:

My mailing address and citizenship are stated next to my name in PART A hereof.

I believe I am the original, first, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

**SUPERCONDUCTIVE MICROSTRIP RESONATOR AND FILTER**

the specification of which was filed on June 20, 2005 as Application Serial No. 10/540,332.

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 CFR §1.56, including, for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim priority benefits under 35 USC §119(a)-(d) or (f), §172, or §365(a)-(b) of any foreign or international application(s) for patent or inventor's certificate listed in PART B hereof and have also identified in PART B hereof any such foreign or international application having a filing date before that of the application of which priority is claimed.

I hereby declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. I understand that the execution of this document does not in itself establish an attorney-client relationship between the undersigned and Perkins Cole, LLP, or any of its attorneys.

See page 2 attached, signed, and made a part hereof.

(BY 001400.000)

007 697 6000 13:28 FAX 650 638 6330

PERSONS CODE

000

Attorney Docket No.: 58578-8001,US01

**INVENTORSHIP DECLARATION BY JOINT INVENTORS****PART A: INVENTOR INFORMATION AND SIGNATURE**Full name of FIRST inventor: Bisong CaoCitizenship: ChinaMailing Address: D.P. in Tsinghua University  
Tsinghua Yuan, Haidian District  
Beijing 100084 ChinaInventor's Signature: Bisong CaoDate: June 19, 2006Full name of SECOND Inventor: Meihong ZhuCitizenship: ChinaMailing Address: D.P. in Tsinghua University  
Tsinghua Yuan, Haidian District  
Beijing 100084 ChinaInventor's Signature: Meihong ZhuDate: June 19, 2006Full name of THIRD Inventor: Xubo GuoCitizenship: ChinaMailing Address: D.P. in Tsinghua University  
Tsinghua Yuan, Haidian District  
Beijing 100084 ChinaInventor's Signature: Xubo GuoDate: June 19, 2006Full name of FOURTH Inventor: Guoyong ZhangCitizenship: ChinaMailing Address: D.P. in Tsinghua University  
Tsinghua Yuan, Haidian District  
Beijing 100084 ChinaInventor's Signature: Guoyong ZhangDate: June 19, 2006

(34561400.003)

2

06/23/2006 15:27 FAX 850 838 4350

PERKINS COIE

007

Attorney Docket No.: 58578-3001,US01

Full name of FIFTH inventor: Shan HeCitizenship: ChinaMailing Address: D.P. in Tsinghua University  
Tsinghua Yuan, Haidian District  
Beijing 100084 ChinaInventor's Signature: Shan He Date: June 19, 2006Full name of SIXTH inventor: Irene B. VendikCitizenship: RussianMailing Address: Department of Microelectronics and Radio  
Engineering in St. Petersburg  
Electrotechnical University  
St. Petersburg, RussiaInventor's Signature: I. Vendik Date: June 2, 2006Full name of SEVENTH inventor: Yaroslav KolmakovCitizenship: RussianMailing Address: Department of Microelectronics and Radio  
Engineering in St. Petersburg  
Electrotechnical University  
St. Petersburg, RussiaInventor's Signature: Y. Kolmakov Date: June 2, 2006

[BY051400.001]

3

Attorney Docket No.: 98578-8001.US01

**INVENTORSHIP DECLARATION BY JOINT INVENTORS****PART B: CLAIM TO PRIORITY OF FOREIGN APPLICATION(S) UNDER 35 U.S.C. § 119(a-d)**  
**and (f) § 172, or § 365(a)-(b)**

| Country | App. No.          | Filing Date | Priority Not Claimed     |
|---------|-------------------|-------------|--------------------------|
| WO      | PCT/CN2003/001082 | 12/18/2003  | <input type="checkbox"/> |
| China   | 02158889.8        | 12/20/2002  | <input type="checkbox"/> |
|         |                   |             | <input type="checkbox"/> |

[000000000000]

4

PERKINS COIE LLP  
BAY AREA PATENT  
101 JEFFERSON DRIVE  
MENLO PARK, CA 94025-1114

USPTO  
1420 5TH AVE  
SEATTLE, WA 98101  
19-10/1250

4217

6/28/2006

PAY TO THE  
ORDER OF Commissioner for Patents

\$ \*\*65.00

Sixty-Five and 00/100\*\*\*\*\*

DOLLARS

UNITED STATES PATENT and  
TRADEMARK OFFICE

MEMO

58578-8001.US01 NTD Patent & Trademark Agency Limited

*Eileen Janikowski*

II [REDACTED]

PERKINS COIE LLP

Commissioner for Patents

Eileen Janikowski

6/28/2006

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